

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
 Data File : VX005336.D
 Acq On : 15 Oct 2018 11:55
 Operator : JC/MD
 Sample : VX1015WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/16/2018 2:23:29 PM

Quant Time: Oct 16 04:22:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	374728	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196078	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	141694	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
35) Dibromofluoromethane	5.50	113	120639	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	8.71	98	439332	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.14	95	160853	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44020	20.81	ug/l	99
3) Chloromethane	1.32	50	59289	19.35	ug/l	98
4) Vinyl Chloride	1.40	62	60310	19.43	ug/l	99
5) Bromomethane	1.64	94	35453	20.57	ug/l	94
6) Chloroethane	1.72	64	39040	20.28	ug/l	99
7) Trichlorofluoromethane	1.93	101	83641	20.19	ug/l	95
8) Diethyl Ether	2.19	74	34855	19.70	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	47382	19.81	ug/l	92
10) Methyl Iodide	2.51	142	58072	23.53	ug/l	98
11) Tert butyl alcohol	3.07	59	85561	101.03	ug/l	100
12) 1,1-Dichloroethene	2.37	96	47346	19.98	ug/l	98
13) Acrolein	2.29	56	46561	84.72	ug/l	94
14) Allyl chloride	2.73	41	105112	20.21	ug/l	96
15) Acrylonitrile	3.15	53	181088	94.36	ug/l	98
16) Acetone	2.45	43	162050	93.35	ug/l	96
17) Carbon Disulfide	2.57	76	133171	18.55	ug/l	99
18) Methyl Acetate	2.78	43	96839	19.61	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	176424	21.14	ug/l	97
20) Methylene Chloride	2.85	84	56292	21.51	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	50263	19.14	ug/l	97
22) Diisopropyl ether	3.86	45	173955	19.91	ug/l #	80
23) Vinyl Acetate	3.82	43	741907	97.15	ug/l #	92
24) 1,1-Dichloroethane	3.69	63	96555	19.28	ug/l	95
25) 2-Butanone	4.70	43	241706	95.16	ug/l	91
26) 2,2-Dichloropropane	4.59	77	68806	18.37	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	54371	19.05	ug/l	92
28) Bromochloromethane	5.03	49	46289	20.28	ug/l	95
29) Tetrahydrofuran	5.15	42	155135	95.76	ug/l	94
30) Chloroform	5.21	83	93704	20.16	ug/l	99
31) Cyclohexane	5.57	56	77626	18.81	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	79935	19.77	ug/l	100
36) 1,1-Dichloropropene	5.80	75	64686	17.82	ug/l	98
37) Ethyl Acetate	4.85	43	84109	18.02	ug/l	98
38) Carbon Tetrachloride	5.78	117	68733	18.85	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72956	18.57	ug/l	95
40) Benzene	6.13	78	207895	19.10	ug/l	98
41) Methacrylonitrile	5.06	41	45935	18.36	ug/l	99
42) 1,2-Dichloroethane	6.19	62	73108	19.02	ug/l	99
43) Isopropyl Acetate	6.46	43	122723	19.74	ug/l	97
44) Trichloroethene	7.21	130	54986	19.40	ug/l	94
45) 1,2-Dichloropropane	7.52	63	52700	19.73	ug/l	97
46) Dibromomethane	7.66	93	34555	19.60	ug/l	98
47) Bromodichloromethane	7.90	83	65372	20.05	ug/l	97
48) Methyl methacrylate	7.77	41	61887	19.19	ug/l	97
49) 1,4-Dioxane	7.75	88	29471	396.25	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	431991	100.35	ug/l	94
52) Toluene	8.79	92	124534	20.91	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	70532	19.99	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	78960	20.65	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	51590	20.45	ug/l	97
56) Ethyl methacrylate	9.18	69	73968	20.11	ug/l	95
57) 1,3-Dichloropropane	9.37	76	85471	20.30	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	211315	102.46	ug/l	96
59) 2-Hexanone	9.49	43	339224	97.96	ug/l	93
60) Dibromochloromethane	9.59	129	53916	20.68	ug/l	99
61) 1,2-Dibromoethane	9.67	107	54084	20.43	ug/l	99
64) Tetrachloroethene	9.34	164	56570	19.96	ug/l	98
65) Chlorobenzene	10.14	112	141922	18.96	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	51327	19.24	ug/l	99
67) Ethyl Benzene	10.26	91	234372	19.26	ug/l	98
68) m/p-Xylenes	10.36	106	183764	38.90	ug/l	95
69) o-Xylene	10.70	106	87457	19.20	ug/l	97
70) Styrene	10.71	104	148079	19.76	ug/l	97
71) Bromoform	10.86	173	44202	18.54	ug/l	99
73) Isopropylbenzene	11.02	105	239530	20.55	ug/l	100
74) N-amyl acetate	10.90	43	106372	18.92	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	82328	18.72	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	78094m	20.53	ug/l	
77) Bromobenzene	11.26	156	67020	20.11	ug/l	98
78) n-propylbenzene	11.36	91	275562	20.54	ug/l	100
79) 2-Chlorotoluene	11.42	91	164454	20.02	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	203316	20.37	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	22786	18.20	ug/l	99
82) 4-Chlorotoluene	11.51	91	192846	19.80	ug/l	100
83) tert-Butylbenzene	11.77	119	202067	19.99	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	208882	20.33	ug/l	99
85) sec-Butylbenzene	11.94	105	243792	20.38	ug/l	100
86) p-Isopropyltoluene	12.07	119	221241	20.46	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	121335	19.48	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	123434	19.37	ug/l	98
89) n-Butylbenzene	12.39	91	188281	19.18	ug/l	96
90) Hexachloroethane	12.60	117	34770	18.66	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	121677	19.15	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19621	18.29	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90213	19.35	ug/l	99
94) Hexachlorobutadiene	13.79	225	47523	19.30	ug/l	99
95) Naphthalene	13.83	128	270261	19.99	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94150	19.73	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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